MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MAY, 1933

J. A. BROWN, DIRECTOR

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MAY 1933
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.8	59.8	59.7	60.1	22.2	17.1	21.1	21.9	19.2	20.7
2	0.6	9.4	9.5	59.8	28.7	16.1	22.3	27.3	21.9	23.8
3	0.8	60.3	9.8	60.3	25.8	17.2	23.7	24.7	19.4	22.6
4	1.4	1.9	62.0	1.8	26.3	16.8	22.8	25.4	18.6	22.3
5	2.7	59.5	58.0	0.1	27.1	16.1	21.2	24.1	20.0	21.8
6	60.9	59.5	58.0	59.5	26.0	16.8	22.4	24.1	20.0	22.2
7	59.1	8.2	8.1	8.5	24.4	16.7	22.4	23.3	22.2	22.6
8	8.9	8.7	9.9	9.2	24.7	17.2	21.7	23.3	18.3	21.1
9	61.2	60.7	60.3	60.7	24.1	15.6	21.4	23.6	18.5	21.2
10	58.6	56.7	55.2	56.8	27.1	16.9	24.1	24.3	21.1	23.2
11	58.5	59.4	59.7	59.3	25.1	19.4	21.7	24.2	18.7	21.5
12	9.7	9.7	60.3	9.9	25.9	16.5	21.7	23.0	18.9	21.2
13	61.6	61.8	0.2	61.2	24.4	16.2	21.4	23.1	18.6	21.0
14	1.8	1.4	1.9	1.7	25.1	16.2	23.1	24.8	19.3	22.4
15	1.1	59.4	57.9	59.5	27.0	18.9	24.8	25.5	22.1	24.1
16	61.2	61.1	61.2	61.2	25.9	19.6	23.8	23.9	20.1	22.6
17	1.4	1.3	1.0	1.2	24.5	17.1	21.3	23.9	20.2	21.2
18	0.2	59.8	59.8	59.9	24.6	16.4	22.1	23.7	20.2	22.0
19	59.5	8.5	8.2	8.7	24.1	17.1	22.1	23.7	18.0	21.3
20	6.8	9.0	6.4	7.4	27.7	16.4	22.5	26.8	21.2	23.5
21	57.8	58.4	58.9	58.4	25.1	19.8	22.1	23.4	20.9	22.1
22	9.6	60.1	61.2	60.3	24.2	17.5	20.9	23.8	18.8	21.2
23	61.4	1.1	1.4	1.3	25.0	16.2	21.2	24.7	19.3	21.7
24	0.7	0.0	0.0	0.2	24.5	16.6	21.0	22.6	18.3	20.6
25	59.2	58.6	58.1	58.6	25.2	16.6	23.6	24.2	20.7	22.8
26	56.8	56.6	57.2	56.9	27.5	18.4	24.9	26.4	21.9	24.4
27	7.7	7.2	8.9	7.9	27.6	18.3	23.3	26.6	21.1	23.7
28	8.6	0.7	8.7	9.3	27.2	19.6	24.5	26.6	21.1	24.1
29	8.5	7.6	7.6	7.9	26.1	19.5	22.7	24.7	18.9	22.1
30	7.3	7.8	8.0	7.7	25.3	16.8	23.1	24.8	19.5	22.1
31	9.3	9.4	60.1	9.6	25.3	16.8	22.2	24.0	19.7	22.0
	759.80	759.47	759.26	759.51	25.60	17.30	22.45	22.40	19.89	22.23

Barometer, Range for month 755.2 –762.7 m.m.
,, 50-yr. average for month 759.624 m.m.
Thermometer, Range for month 15.6°–28.7° C.
,, 50-yr. average for month 22.19 C.
Rain, Total for month 8.00 m.m.
,, , 50-yr average for month 20.83 m.m.
,, , total Sept. 1st to end of month 392.74 m.m.
,, , 50-yr. average, Sept. 1st to end of month 902.73 m.m

MAY 1933

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	19.3	18 3	16.4	15.4	13.1	12.0	13.5	82	67	73	74	10.0	
2	18.9	20.6	16.3	13.9	13.5	10.6	12.6	69	50	54	58	11.7	
3	19.4	19.8	17.7	13.6	13.9	13.9	13.9	64	60	83	69	9.5	
4	18.8	18.4	16.9	13.4	11.6	13.2	12.7	65	48	84	66	1 .2	
5	18.9	19.5	17.8	14.3	13.7	13.7	13.9	74	61	79	71	10.4	
6	19.2	19.5	17.8	14.3	13.7	13.7	13.9	71	61	79	70	11.0	
7	17.6	18.1	18.5	12.1	12.2	13.1	12.5	61	57	65	61	11.0	
8	17.2	17.2	16.5	11.8	11.1	12.7	11.9	61	52	82	65	11.3	
9	17.8	19.1	17.2	12.7	13.4	13.7	13.3	67	71	86	61	11.5	
10	19.1	21.1	17.2	13.1	16.1	11.9	13.7	58	72	64	65	9.8	
11	18.8	19.3	16.7	14.0	13.4	12.7	13.4	72	59	79	70	11.3	
12	16.8	17.7	16.1	11.2	11.8	11.7	11.6	58	57	73	63	10.4	
13	17.1	17.9	16.5	11.7	12.0	12.5	12.1	62	57	79	66	11.7	
14	19.2	19.8	15.9	13.9	13.8	13.9	13.9	66	59	69	65	11.3	
15	20.7	18.9	17.7	15.1	12.2	12.2	13.2	65	50	61	59	11.9	
16	20.6	20.6	16.7	15.6	15.5	11.6	14.2	71	70	63	68	9.6	
17	17.1	18.2	17.4	11.8	12.0	12.8	12.2	62	54	73	63	12.4	
18	17.6	17.6	16.8	12.1	11.3	12.0	11.8	61	52	68	60	10.4	
19	16.1	17.8	15.5	10.2	11.5	11.5	11.1	52	53	75	60	10.6	
20	17.9	19.9	18.6	12.3	12.8	14.1	13.1	60	48	75	61	12.0	
21	18.3	18.8	17.4	13.1	13.2	12.4	12.9	66	62	68	65	4.4	
22	16.9	17.2	15.9	11.7	10.8	11.7	11.4	64	49	73	62	9.2	0.63
23	16.7	18.3	16.3	11.3	11.7	11.8	11.6	60	51	71	61	11.3	
24	17.3	17.7	16.1	12.2	12.0	12.2	12.1	67	59	78	68	9.0	
25	19.3	19.7	16.8	13.8	13.8	14.2	13.9	68	61	64	63	7.6	
26	20.4	21.0	17.0	14.6	14.7	11.4	13.6	62	56	57	58	9.0	
27	19.6	20.4	17.7	14.4	13.6	12.8	13.6	67	52	70	60	7.0	
28	20.5	21.1	16.2	15.0	14.7	10.7	13.5	67	57	57	60	12.2	
29	18.2	18.9	17.1	12.6	12.6	13.2	12.8	61	54	82	66	0.0	1.02
30	17.1	18.3	15.9	11.5	11.6	11.2	11 4	58	51	66	58	11.2	1.02
31	17.7	18.7	16.9	12.2	12.6	12.5	12.4	61	56	74	64	11.1	5.33
	18.39	19.01	16.88	13.07	12.90	12.50	12.82	64.4	56.6	71.7	64.2	10.03	2.25

[eight of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

ry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

im of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

ime of readings minus 2 hours equals G. C. T.

)-year averages are for period, 1875-1924

MAY 1933

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	0	0	0	0.0	3n	1n	1n	399.0	stormy	
2	0	0	9cu	3.0	1w	1w	1w	277.0	mod.	haze in the mornings
3	0	8stcu	6st	4.7	1nw	0	0	215.1	light	haze
4	0	0	0	0.0	1sw	1sw	1w	223.2	„	haze in the mornings
5	0	1stcu	10ci	3.7	1sw	1w	0	186.0	„	„ „ „ „
6	0	2stcu	10cu	4.0	0	1w	0	170.6	calm	
7	2stcu	1cu	10cu	4.3	2sw	1w	1w	482.8	light	
8	3cu	0	1cu	1.3	2w	3w	0	321.4	mod.	
9	6ci	1cu	2ci	3.0	1sw	1w	2ne	284.6	„	
10	1stcu	5stcu	0	2.0	1e	1e	0	214.5	light	
11	9stcu	2stcu	9cu	6.7	4sw	3sw	1s	674.9	mod.	
12	2stcu	7cu	9cu	6.0	1sw	3sw	1sw	413.4	„	
13	1cu	1cu	8cu	3.3	3w	2sw	0	546.1	„	
14	1st	8ci	1ci	3.3	1sw	1sw	0	265.7	light	
15	1st	1stcu	0	0.7	1w	1w	4n	322.4	mod.	
16	1stcu	4stcu	5cu	3.3	1ne	2ne	1n	74.0	„	
17	0	1cu	6cu	2.3	1sw	1sw	1sw	563.2	„	
18	1cu	5stcu	5stcu	3.7	2sw	1sw	1sw	204.4	„	
19	4st	6st	0	3.3	1sw	1sw	1sw	293.9	slight	
20	1st	8cu	2cu	3.7	0	0	0	335.1	light	
21	9cu	9cu	5cu	7.7	2sw	1w	1sw	268.2	mod.	
22	4cu	1cu	6cu	3.7	1sw	2nw	1nw	219.0	„	dew at night
23	1cu	3cu	7cu	3.7	1sw	1sw	0	399.2	„	
24	6cu	10cu	5cu	7.0	0	0	0	169.4	light	
25	1st	9stcu	2cu	4.0	0	0	0	112.6	„	
26	9ci	8ci	1cu	6.0	1sw	1sw	0	270.7	„	
27	8ci	8st	8ni	8.0	0	1w	1w	120.7	„	
28	0	1cu	2cu	1.0	1w	1w	1w	450.8	„	traces of rain
29	1cu	7cu	9ni	5.7	4sw	4sw	1w	642.6	„	
30	2cu	1cu	10cu	4.3	3w	3w	2w	351.5	stormy	light. in the evening
31	2cu	3cu	2cu	2.3	2w	3w	1w	486.6	stormy	
									mod.	
				3.73	1.4	1.4	0.8	321.24		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	1	1	0	0	15	7	1	5
14:30	1	1	1	0	0	11	12	1	4
20:30	3	1	0	0	1	5	8	1	12
Totals	5	3	2	0	1	31	27	3	21

Number of days with rain 4, fog 0, thunderstorms 0, gales 0.

50-yr average number of days with rain during month 3.2